

DAFTAR PUSTAKA

- [1] L. H. Panjaitan and E. H. Putra, "PERANCANGAN ANTENA MIKROSTRIP ARRAY PADA FREKUENSI 915 MHz UNTUK APLIKASI LONG RANGE (LoRa)," *9th Applied Business and Engineering Conference*, Aug. 2021, Accessed: Aug. 22, 2022. [Online]. Available: https://opac.lib.pcr.ac.id/index.php?p=show_detail&id=13735&keywords=
- [2] M. Oredsson, "Electrical Power System for the CubeSTAR Nanosatellite," Universitas Osloensis, Oslo, 2010.
- [3] I. N. R. Hantriono, H. Wijanto, and Edwar, "ANTENA MIKROSTRIP KEPING REKTANGULAR DENGAN CELAH BENTUK-U UNTUK FREKUENSI LORA PADA CUBESAT 1U," *Telkom University*, vol. 8, p. 4833, Oct. 2021.
- [4] Shilpa. Devalal and A. Khartikeyan, "LoRa technology-an overview," in *Communication and Aerospace Technology (ICECA 2018)*, Sep. 2018, pp. 284–290. doi: <https://doi.org/10.1109/ICECA.2018.8474715>.
- [5] M. Rizki, "Simulasi Perencanaan Coverage Area Urban Lpwan Di Kabupaten Banyumas Menggunakan Teknologi LoRa 433 MHz," IT Telkom Purwokerto, Purwokerto, 2020. Accessed: Nov. 25, 2021. [Online]. Available: <http://repository.ittelkom-pwt.ac.id/id/eprint/6071>
- [6] N. CubeSat Launch Initiative, *CubeSat 101: Basic Concepts and Processes for First-Time CubeSat Developers*. California Polytechnic State University, 2017.
- [7] M. Chessab, "Attitude Stabilization for CubeSat: Concepts and Technology," vol. 1, Cambridge Scholars Publishing, 2018. [Online]. Available: <https://www.researchgate.net/publication/324607026>
- [8] NASA, "CubeSats Overview," Nov. 29, 2021. https://www.nasa.gov/mission_pages/cubesats/overview (accessed Nov. 29, 2021).
- [9] A. A. Doroshkin, A. M. Zadorozhny, O. N. Kus, V. Y. Prokopyev, and Y. M. Prokopyev, "Experimental Study of LoRa Modulation Immunity to Doppler Effect in CubeSat Radio Communications," *IEEE Access*, vol. 7, pp. 75721–75731, 2019, doi: 10.1109/ACCESS.2019.2919274.
- [10] C. A. Balanis, *Antenna theory : analysis and design*, 3rd ed. Hoboken, New Jersey: John Wiley & Sons, Inc, 2005.
- [11] R. Mishra, "An Overview Of Microstrip Antenna," *Open International Journal of Technology Innovations and Research*, vol. 21, no. 2, pp. 6–7, Aug. 2016, doi: 10.5281/zenodo.161524.

- [12] D. R. Jackson and J. Volakis, *Antenna engineering handbook*, 3rd ed., vol. 3. New York: McGraw-Hill, Inc, 2007. [Online]. Available: www.digitalengineeringlibrary.com
- [13] R. Anisa Dwi Utami, H. Ludyati, and D. Saefudin, "Kamuflase Antena pada Frekuensi GSM 900 MHz Berbahan Substrat Akrilik," 2020, pp. 26–27. doi: <https://doi.org/10.35313/irwns.v1i1.2084>.
- [14] P. Akila, P. Akshaya, L. Aparna, J. Mary, and S. Mol, "DESIGN AND ANALYSIS OF MICROSTRIP PATCH ANTENNA USING ALUMINA AND PAPER SUBSTRATE FOR WIFI APPLICATION," *International Research Journal of Engineering and Technology*, vol. 5, 2018, [Online]. Available: www.irjet.net
- [15] R. Sinaga, "Analisis Perbandingan Antara Saluran Pencatu Feed Line dan Proximity Coupled Untuk Antena Mikrostrip Patch Segiempat," *Universitas Sumatera Utara*, pp. 37–40, 2013, Accessed: Nov. 29, 2021. [Online]. Available: <http://repositori.usu.ac.id/handle/123456789/21768>
- [16] S. Leopauline and T. R. Ganesh Babu, "Design and Analysis of Compact Dual Band U-Slot Microstrip Patch Antenna with Defected Ground Structure for Wireless Application," 2018. [Online]. Available: www.sciencepubco.com/index.php/IJET
- [17] A. Kumar, N. Gupta, and P. C., "Gain and Bandwidth Enhancement Techniques in Microstrip Patch Antennas - A Review," *Int J Comput Appl*, vol. 148, no. 7, pp. 9–14, Aug. 2016, doi: 10.5120/ijca2016911207.
- [18] D. Zuletmei, D. Faiza, and K. Budayawan, "ANALISIS PENGARUH JENIS SUBSTRAT TERHADAP KARAKTERISTIK ANTENA MIKROSTRIP PERSEGI PANJANG DENGAN FREKUENSI KERJA 2,4 GHZ," *VOTEKNIKA*, vol. 5, no. 1, Jan. 2017.
- [19] C. N. Ineneji and M. Kusaf, "Gain Enhancement in Microstrip Patch Antenna Using the Multiple Substrate Layer Method," *IEEE*, Jun. 2015, doi: <https://doi.org/10.1109/SIU.2015.7129885>.
- [20] G. Varamini, A. Keshtkar, and M. Naser-Moghaddasi, "Compact and miniaturized microstrip antenna based on fractal and metamaterial loads with reconfigurable qualification," *AEU - International Journal of Electronics and Communications*, vol. 83, pp. 213–221, Jan. 2017, doi: 10.1016/j.aeue.2017.08.057.
- [21] N. Ardelina, E. Setijadi, and H. P. Mukti, "Perancangan Antena Dual Band Berbasis Metamaterial pada Frekuensi 2.3/3.3 GHz," *Jurnal Teknik POMITS*, vol. 1, 2014.
- [22] H. Amin and Y. Rahayu, "Perancangan Antena Mikrostrip Circular Dual Band 28/38 GHz Dengan Metamaterial CSRR Untuk Jaringan Komunikasi 5G," *Jom FTEKNIK*, vol. 5, Jul. 2018.

- [23] R. Narayan Mishra, A. Arora, S. Singh, and S. Bhattacharyya, "A Split Ring Resonator (SRR) based Metamaterial Structure for Bandstop Filter Applications," *IEEE*, 2017.
- [24] W. O. Refnaldi, E. Ali, and A. A. Pramudita, "PERANCANGAN BANDPASS FILTER MIKROSTRIP UNTUK CW RADAR PADA FREKUENSI S-BAND DESIGN MICROSTRIP BANDPASS FILTER FOR CW RADAR ON S-BAND FREQUENCY," *Telkom University*, vol. 8, Feb. 2021.
- [25] F. Armin, A. Noer, Kamirul, and S. Prasetya, "Modification of 2.2 GHz S-Band Rectangular Patch Microstrip Antenna using Truncated Corner Method for Satellite Applications," in *2020 3rd International Seminar on Research of Information Technology and Intelligent Systems, ISRITI 2020*, Dec. 2020, pp. 284–288. doi: 10.1109/ISRITI51436.2020.9315475.
- [26] B. Satriyotomo, H. Wijanto, and Edwar, "ANTENA MIKROSTRIP SEGI EMPAT POJOK TERPOTONG UNTUK PENERIMA SINYAL ADS-B PADA SATELIT NANO," *Telkom University*, pp. 1–7, 2020.
- [27] Kementerian Komunikasi dan Informatika, "PERDIRJEN SDPPI NO 3 TAHUN 2019 LPWA," 2019.